TENDERS

For Alterations, &c., to the Hampstead Union (second time):—

Carter	£5,798	0
Hill	5,250	0
Roberts	5,050	0
Pilbeam	4,754	10
Smith and Cant	4,492	10

MEETINGS OF SCIENTIFIC BODIES

Held during the ensuing week.

Monday, April 23rd.—Society of Antiquaries, 8 p.m. (anniversary).

Tuesday, 24th.—Institution of Civil Engineers, 8 p.m.

Wednesday, 25th.—Society of Arts, 8 p.m.

Thursday, 26th.—Royal Society, 8 p.m.

Friday, 27th.—Archæological Association, 8½ p.m.

Saturday, 28th.—Institute of Fine Arts, 8 p.m.

TO CORRESPONDENTS.

Received.—"E. B. G.," "C. V.," "W. M." (the association shall have notice), "X + Y + Z" (where can we send a proof?), "J. and B.," "H. J. S." (our correspondent appears not to be aware that The Builder is published at seven o'clock on *Friday* morning; the advertisement did not arrive till Tuesday last), "S. B.," "W. H.," "T. M.," "Argus," "J. B.," "B. W. P." (the houses would not be permitted as drawn), "J. H.," "A Subscriber," "H. D.," "H. G. H.," "S. B.," "W. A. S." (if forwarded shall be looked at).

Errata.—In article on Church Decoration last week, for "the good no longer exists," read *goods*; and for "presentiments," in two places, read *precentments*.

"*Books, Prices, and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

LONDON MECHANICS' INSTITUTION, SOUTHAMPTON-BUILDINGS, CHANCERY-LANE.—PRACTICAL GEOMETRY.—A new course will commence on Tuesday, April 24th, under the direction of Mr. J. R. HATTERSLEY. PRACTICAL PERSPECTIVE.—A new course will commence on Friday, May 18th, under the direction of Mr. T. W. CONSTANTINE. ARCHITECTURAL, MECHANICAL, and ORNAMENTAL DRAWING.—In consequence of the decease of the late teacher, Mr. C. DAVY, the committee have appointed Mr. T. W. CONSTANTINE, who for several years conducted the Practical Geometry Class, has just commenced a NEW COURSE of instruction on an entirely new system to the one previously in use by the class, which will be found to be of great advantage to Artisans and others. The class meets every Monday evening in April 19th, 1858.

JOSEPH TULLY, } Hon. Secretaries.
THOMAS MORNING, }

N. B. The above classes meet on their respective evenings at 8 o'clock precisely.

PAPER-HANGINGS.—JEFFREY, ALLEN, and Co., solicit the attention of Builders and the Trade generally to their extensive STOCK of PAPER HANGINGS, which, from the use of steam-power and recent improvements in the application of machinery, they are able to offer at remarkably low prices.—East and West Yard, 115, Whitechapel.

PAPER-HANGINGS by MACHINE and BLOCKS.—The trade supplied in town and country, with machine goods, from first-rate new designs, at the lowest prices they have ever been sold in this country; and block goods, for style and quality, not to be surpassed by any house in England. All the patterns are registered, and can only be supplied by HENNELL and CROSBY, Queen-street, Southwark bridge-road. Cheapest house in London for oak, marbles, and panel generally. A set of patterns, &c., to be delivered off an order of 50 = Terms, cash.

PAPER-HANGINGS, MANUFACTURED UNDER HER MAJESTY'S ROYAL LETTERS PATENT.

E. T. ARCHER, 451, Oxford-street, so-lo. Invites an inspection of the various DECORATIVE PAPERS, fitted up in panels on the walls of the extensive range of apartments, built expressly for that purpose; where also is kept an extensive stock of every variety of Paper-hangings, at the lowest possible price and of the best manufacture, in English and French designs, by the best Artists; and where may be find a large assortment of French and other Continental Paper hangings always on hand.—Builders and large Consumers are particularly invited to the above.—451, Oxford-street.

FRENCH AND ENGLISH PAPER HANGINGS.

MESSRS. MARKS and CO., French and English Paper Stainers, beg to inform the trade, that having availed themselves of the long interval of labour in Paris, they have since the commencement got together and produced a most beautiful collection of PATTERNS, English and French, for the ensuing season, at prices varying from 6d to 2s. per piece. Messrs. M. and Co. are prepared to compete in prices with country work of every description.—An early inspection is requested at the Warehouse, 39, Princes-street, Leicester-square.—A large stock of French and English Marbles and Granites. Lining Paper and Canvas at Mill Prices.

CROGGON'S PATENT ASPHALTE ROOFING FELT and ISODOROUS FELT, for DAMP WALLS. Sold in rolls, 36 inches wide, price one penny per square foot. Also, Dry Hair Felt, for preventing the radiation of heat and deadening sound. Samples, directions, and testimonials sent by post, on application, to CROGGON and Co., 8, Ingram-court, Fenchurch-street, London.

DAMP and GASEOUS EXHALATIONS. SANITARY MEASURES.

MEMBERS of BOARDS of HEALTH are especially directed to the most EFFECTIVE MEANS which they can adopt to prevent the injurious and often FATAL EFFECTS upon the HEALTH of the COMMUNITY, arising from exhalations that are produced from moisture, decayed animal matter (as in graveyards), stagnant water, and collections of fæcal refuse, tending to produce a miasmatic state of atmosphere. In situations so affected, the impervious quality of the ASPHALTE of STEEL renders it the most perfect PAVEMENT or COVERING that can be rolled upon for hermetically sealing, and thereby preventing, the rising of moisture and the escape of noxious vapours. The present extensive application of this material for covering roofs, terraces, and arches, for preventing the percolation of water, strong evidence of its effectiveness for the above purposes, which is further confirmed by the following extract from the Report of the COMMISSIONERS on the FINE ARTS. J. FARRELL, Secretary.

Seyssel Asphalte Company, Stangate, London.

"In 1846, I superintended the construction of a house of three stories on the Lee d'Enghien. The foundation of the building is constantly in water, about 18 inches below the level of the ground floor. The entire horizontal surface of the external and internal walls was covered at the level of the internal ground floor with a layer of SEYSSEL ASPHALTE,* less than half an inch thick, over which course sand was spread. Since the above date, no trace of damp has shown itself round the walls of the lower story, which are for the most part painted in oil, of a grey stone colour. It is well known that the least moisture produces round spots, darker or lighter, on walls so painted. Yet the pavement of the floor, resting on the soil itself, is only about 18 inches above the external surface of the soil, and only 18½ inches, at the utmost, above that of the sheet of water. The layer of Asphalte having been BROKEN AND REMOVED, for the purpose of inserting the sills of two doors, upon indicating the presence of damp have been since remarked at the base of the door posts."

* This method has been adopted at the new Houses of Parliament.

HEAL AND SON'S LIST OF BEDDING, containing a full description of Weights, Sizes, and Prices, by which Purchasers are enabled to judge the articles best suited to make a good Set of Bedding, sent free by Post, on application to their Factory, 196, opposite the Chapel, Tottenham Court Road, London.

THE NEW PATENT GAS-LIGHT MONITOR, adapted to every description of Burner, and supplied at a cost placing it within the reach of every Consumer of Gas, regulates the flame to any required height, economizes the consumption, and prevents the danger and inconvenience arising from the flaring and smoking of lights. It may be seen in daily use at the office of the Patentees, 39, King William-street, Charing-cross. A saving of 25 per cent has been effected at several public establishments by its use.

GAS-FITTINGS, LAMPS, and CHANDELIERS.—THOMAS LEDGER, 173, Aldersgate-street, London (two doors from Little Britain), Brass-founder, Gas-fitter, and Manufacturer of Chandeliers, Lamps, and every description of Gas fittings. Estimates furnished, and experienced workmen sent to any part of town or country. Builders and the Trade supplied.—Warehouse and Show-rooms, 173, Aldersgate-street; Workshops and Foundry, 133, Aldersgate-street.

GAS, in which a GREAT SAVING is to be effected by the use of the new PATENT GAS MONITOR.—STEVENS and SONS, having made arrangements with the patentees of the above very useful article, are manufacturing the same, and are prepared to supply the trade wholesale, or consumers with any quantity they may require, and will send experienced workmen to fit the monitor to any lights where it is desirable to ensure a steady flame, rendered impossible to flare or smoke, with any variation of pressure, and effecting an important reduction in the quantity of gas consumed, for which see testimonials.—STEVENS and SONS, Gas Engineers and Fitters, Darlington Works, 19, Southwark-bridge-road.

GAS at 4s. 6d. per 1,000 feet.—The use of the GAS-LIGHT MONITOR brings the actual cost of gas down to this price. The Monitor is applicable to every description of burner; its cost is little more than nominal; it may be fitted in a few minutes, regulates the flame to one standard, prevents the possibility of waste, and obviates all risk of accident. The Monitor is manufactured and sold, wholesale and retail, by the licensees, JAMES JONES and Co., Gas Engineers, &c., 33, Bow-street, Covent Garden, opposite the Theatre, who, to encourage the more general introduction of gas into private as well as business houses, have made such reductions in the prices of every description of fittings, including Chandeliers and Burners of all kinds, as must remove altogether the long-existing objection of expense.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS. Manufactory, 98, REGENT-STREET and 131, CHANCERY-LANE. Patent sealed on the 4th day of February, 1845, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Fastens and Lowering Shutters, without Machinery, and Two for Hinging and Sheathing the Edges of Wood Leaves with Iron.—The Patentee having fitted up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, with all the use of cog-wheel worm and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS, Patentees of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL METALLIC SASH BARS, MOULDINGS, &c., IN BRASS, COPPER, ZINC, &c. FOR SHOP-FRONTS, SKYLIGHTS, &c.

Shop-fronts completely fitted and fixed in a superior style, either plain or ornamental, also glazed with best plate glass. Strong moulded mahogany handsomely enriched. Metal works and machinery of all kinds in connection with banking houses, shops, warehouses, &c. &c.

B. and Co. challenge competition as to either quality or price. Designs furnished and estimates given.

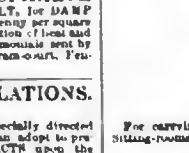
IMPROVED PATENT BENCH AND FLOORING CRAMPS FOR BUILDERS.

SOLE LICENSEES FOR MARVIN and MOORE'S PATENT DIAGONAL GRATINGS.

Office of the Patentees, 98, Lombard-street, London; and at the Works, Deptford, Kent.

DR. ARNOTT'S VALVES for thoroughly VENTILATING APARTMENTS of every description. F. EDWARDS having had the advantage of making them under the immediate direction and patronage of Dr. Arnott, enables him to present the public with Valves of the most approved principle for general use. Prices from 7s. 6d. to 20s. and upwards. A prospectus, containing every information, to be had on application to F. EDWARDS, 48, Poland-street, Oxford-street, London.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



For carrying off Heated and Impure Air from Bed-rooms, Sitting-rooms, Counting-houses, and Apartments generally.

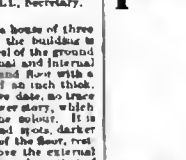
LIST OF PRICES.

	First size, 11 by 8	Second size, 18 by 9
Plain Iron Valve	7 6	12 0
Bronzed and Lacquered	9 0	14 0
Japanned, white with Gold lines	10 0	21 0
Brass Front	17 0	34 0

Packing Cases if required, 1s. 3d. each.

Manufactured by HART and SONS, 65, 66, 67, Wych-street, Strand, London.

IMPROVED SELF-ACTING CHIMNEY VENTILATORS.



FOR CARRYING OFF HEATED AND IMPURE AIR from drawing rooms, sitting-rooms, bed-rooms, carcases, offices &c. &c., from 3s. each.—SUTT and POTTS, Manufacturers and Ironmongers, 63, Fore-street, Westminster, London.

Hot-air ranges, rain-water pipes, gutters, and builders' ironmongery, as low as any house in London. Delivered free within 3 miles.

CAST-IRON PIPES, IRON WORK FOR OVERS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN, 48, Ann's Wharf, East-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. numbers. Socket Pipes for Water or Gas. Plain Pipes. Bush Weights, and other Castings. Iron Work for Bakers' ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competitors. Contracts taken to any extent.

SAWING MACHINERY, STEAM-ENGINE BUILDERS, &c.—For immediate SALE, an excellent VERTICAL SAWING MACHINE, to cut planks or deals, with 4 saws, &c.; CIRCULAR SAWING TABLES, with saws suitable to cut sleepers, or for general purposes; a CYLINDRICAL BOILER, 18 feet by 3 feet 6 inches; and a CORNISH BOILER, 8 feet by 4 feet. Likewise an eight-horse power STEAM-ENGINE, with Boiler. Any part may be purchased separately.—Apply to Mr. BEDWIN, Engineer, 5, Great Chapel-street, Newington Causeway, who has constantly on sale Steam Engines and Machinery of every description.

REDUCED PRICES.—EDWARD SIMMONS, late William Cleave, of Wilson road, Pimlico Road, begs to acquaint Builders and the Trade that he has now on hand, at his Manufactory (the first of its kind ever established), a very large Assortment of Dry and Well seasoned OAK and DEAL PREPARED FLOORING BOARDS and MATCH BOARDING of all sorts, from ¾ inch to 1½ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash Bills, Mouldings (prepared for Machinery), Laths, &c.—Apply at E. SIMMONS (late W. Cleave's) Flooring Manufactory and Timber yard, Wilson-road, Pimlico Road.

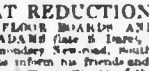
TO BUILDERS, UPHOLSTERERS, BLINDMAKERS, AND OTHERS.

ALFRED ROSLING begs to inform consumers of Wood goods, that having purchased very largely during the latter part of last year, when prices were low beyond precedent, he is enabled to offer several Cargoes of Yellow Pine Plank, and Deals, embracing some of the best stocks imported into this country, as also Tallow, White, and Spruce, Plank, Deals, and Battens, in every variety, at exceedingly low prices, and to which he respectfully solicits attention.—Southwark Bridge Wharf, Bankside.

A REDUCTION in the PRICE of FLOOR BOARDS.—ALFRED ROSLING begs to inform the Trade and Consumers generally, that he has REDUCED the PRICE, and keeps constantly in stock a large and very general assortment of Prepared Floor Boards and Matched Boarding, planed to a parallel breadth and thickness, and fit for immediate use; also a variety of machine-prepared Mouldings, which are finished with great accuracy and attention to quality of workmanship.—Southwark Bridge Wharf, Bankside, and Old Barge Wharf, Upper Ground-street, Blackfriars.

GREAT REDUCTION in the PRICE OF FLOOR BOARDS and MATCH BOARDING.—THOMAS ADAMS (late S. Ingre), Mahogany and Timber Merchant, Bermondsey New-road, Southwark, near the Bricklayers' Arms, begs to inform his friends and the trade generally, that he has in stock a large assortment of the above goods, fit for immediate use, at prices which only require a trial to prove their decided cheapness. Also mouldings prepared by machinery from the very best material, and in a superior manner; cut deals and battens of every dimension, mahogany, cedar, rosewood, wainscot, pine, beech, oak, &c., in planks, boards, veneers, and lips; panelled, oak, and birch laths; wheelwrights' goods. All mats and prepared goods (except timber) delivered free of expense; moving charged at mill prices. Very extensive drying sheds.

MUIR'S PATENT



PLANING MACHINE.

NEW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, PLANK, DEALS, and BATTENS, &c., Sawn on the most approved principle, Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods brought from the docks and carted home free of charge.

Address to HENRY SOUTHAM,
New Mills, Gillingham-street, Pimlico.

N.B. Estimates given for Sawing and Planing.

GENERAL WOOD-CUTTING COMPANY.—SAWING, PLANING, AND MOULDING MILLS, Belvedere-road, Lambeth, between the Suspension and Waterloo Bridges. SAWING and PLANING in all their branches executed with the greatest despatch and punctuality. A large Stock of seasoned and beautifully WORKED MOULDINGS, consisting of upwards of 100 different patterns kept constantly on hand; also an extensive assortment of dry prepared FLOORING BOARDS of all qualities and at reasonable rates.

WOOD THOROUGHLY SEASONED in DAYS instead of YEARS, by DAVISON and SIMINGTON'S PATENTED PROCESS, at the Patent Seasoning Company's Establishment, Bermondsey-wall, Sawing, and Planing Wood, in the Grand Surrey Mills, immediately adjoining the Commercial and East Country Docks, Rotherhithe. The new process ensures the entire removal of moisture, hardens the gums, prevents further shrinkage, and strengthens the fibre.—For sale of patent, or license to work the patent, or any further information, address, post-paid, or apply to

ANGUS JENNINGS, Secretary.

The Patent Seasoning Company's Office, are REMOVED from 28, New Broad-street to No. 41, GRACECHURCH-STREET, CITY.

The Company's Establishment may be seen, Sawing, and Planing Wood, in the Grand Surrey Mills, immediately adjoining the Commercial and East Country Docks, Rotherhithe. The new process ensures the entire removal of moisture, hardens the gums, prevents further shrinkage, and strengthens the fibre.—For sale of patent, or license to work the patent, or any further information, address, post-paid, or apply to

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A CARD.

WOOD and STONE CARVING COMPANY, for architectural and church decoration, altar and library screens, hall, dining-room, and other furniture.—Show-rooms, 3, Arabella-row, Pimlico.

Manufactory, Thames-bank Repository, Rebleigh-road.

JORDAN'S PATENT MACHINE CARVING and MOULDING WORKS for Wood, and STONE, Belvedere-road, Lambeth, and 134, Strand.—TAYLOR, WILLIAMS, and JORDAN beg to call the attention of the building community to a new feature of their establishment, and, at the same time, to thank their numerous patrons and friends for the very liberal support they have lately experienced which they assure them and the public, it will be their constant endeavour to deserve, by giving their customers an increasing share of the advantages arising from the constant improvements in the machinery which they have succeeded in applying to the production of the most intricate carving in Oaks and other Hardwoods, and in statuary marble.

T. W. and J. particularly solicit the attention of architects and builders to the fact that, by the use of this machinery, a very large saving, both of time and money, is effected—so great, indeed, that in many cases they can deliver a well-finished article in Oaks done for less money than it can be obtained in general, while their wood-carving will, in some cases, be found to come into close competition with the best hands at manipulation ornamental.—For prices and estimates apply at 134, Strand.

TESTIMONIAL FROM CHARLES BARRY, ESQ.

"Westminster, May 16th, 1848.

"Gentlemen,—In reply to your letter requesting my opinion of your patent Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in my application to the production of the wood carvings of the Houses of Peers, and other apartments of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it to that, to her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, yours faithfully,

"CHARLES BARRY."

"Messrs. Taylor, Williams, and Jordan."